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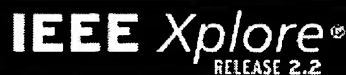
Search History

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<u>Set</u> <u>Name</u> <u>Query</u> side by side	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR		
<u>L18</u> L16 and (((baseline\$ or "base-line") or version or edition) with compar\$)	1	<u>L18</u>
<u>L17</u> L16 and (((baseline\$ or "base-line") or version or edition) with compar\$ with data)	0	<u>L17</u>
<u>L16</u> 113 or 114 or 115	174	<u>L16</u>
DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR		
<u>L15</u> ("4723518" "4775119" "4902359" "4763285" "5937081" "5132357" "4828584")[URPN]	114	<u>L15</u>
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR		
<u>L14</u> 112	7	<u>L14</u>
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L13 2469037 | 4382283 | 1448918 | 3690604 | 4491258 | 4256496 | 4871794 |
 2280660 | 3773504 | 3436037 | 4126652 | 4214685 | 4671491 | 4154277 |
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L12 ("4723518" | "4775119" | "4902359" | "4763285" | "5937081" | "5132357" |
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 OP=OR*
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L10 L9 not l6 0 L10
L9 l7 or L8 7 L9
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 vehicle\$ or component\$ or accessory\$) near3 (wear\$ or worn\$)) with compar\$) 7 L8
L7 @pD<=20031003 AND (accept\$ with test\$) and (((engine\$ or aircraft\$ or
 vehicle\$ or component\$ or accessory\$) near3 (wear\$ or worn\$)) with compar\$) 4 L7
L6 l4 or L5 7 L6
L5 @pD<=20031003 AND (accept\$ with test\$) and ((engine\$ or aircraft\$ or
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DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR
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*DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES;
 OP=OR*
L3 @pD<=20031003 AND (accept\$ with test\$) and ((engine\$ or aircraft\$ or
 vehicle\$ or component\$ or accessory\$) adj2 (wear\$ or worn\$) with compar\$) 1 L3
L2 @AD<=20031003 AND (accept\$ with test\$) and ((engine\$ or aircraft\$ or
 vehicle\$ or component\$ or accessory\$) adj2 (wear\$ or worn\$) with compar\$) 1 L2
L1 @AD<=20031003 AND ((engine\$ or aircraft\$ or vehicle\$ or component\$ or
 accessory\$) adj2 (wear\$ or worn\$) with compar\$) 177 L1

END OF SEARCH HISTORY



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- #1 ((accept* <sentence> test*) <and> (((engine* <or> aircraft* <or> vehicle* <or> component* or accessory*) <sentence>(wear* <or> worn*)) <sentence> (baseline* <sentence> compar*))<in> pdfdata) <and> (pyr >= 1950 <and> pyr <= 2003)
- #2 ((accept* <sentence> test*) <and> (((engine* <or> aircraft* <or> vehicle* <or> component* or accessory*) <sentence>(wear* <or> worn*)) <sentence> (~base-line~~ <sentence> compar*))<in> pdfdata) <and> (pyr >= 1950 <and> pyr <= 2007)
- #3 ((accept* <sentence> test*) <and> (((engine* <or> aircraft* <or> vehicle* <or> component* or accessory*) <sentence>(wear* <or> worn*)) <sentence> ((version* <or> edition*) <sentence> compar*))<in> pdfdata) <and> (pyr >= 1950 <and> pyr <= 2007)
- #4 ((accept* <sentence> test*) <and> (((engine* <or> aircraft* <or> vehicle* <or> component* or accessory*) <sentence>(wear* <or> worn*)) <sentence> ((version* <or> edition*) <sentence> compar*))<in> pdfdata) <and> (pyr >= 1950 <and> pyr <= 2007)
- #5 ((accept* <sentence> test*) <and> (((engine* <or> aircraft* <or> vehicle* <or> component* or accessory*) <sentence>(wear* <or> worn*)) <sentence> (~base-line~~ <sentence> compar*))<in> pdfdata) <and> (pyr >= 1950 <and> pyr <= 2007)

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- #1 ((accept* <sentence> test*) <and> (((engine* <or> aircraft* <or> vehicle* <or> component* or accessory*) <sentence>(wear* <or> worn*)) <sentence> (baseline* <sentence> compar*))<in> pdfdata) <and> (pyr >= 1950 <and> pyr <= 2003)
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- #3 ((accept* <sentence> test*) <and> (((engine* <or> aircraft* <or> vehicle* <or> component* or accessory*) <sentence>(wear* <or> worn*)) <sentence> ((version* <or> edition*) <sentence> compar*))<in> pdfdata) <and> (pyr >= 1950 <and> pyr <= 2007)
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- #6 ((accept* <sentence> test*) <and> (((engine* <or> aircraft* <or> vehicle* <or> component* or accessory*) <sentence>(wear* <or> worn*)) <sentence> (~base-line~~ <sentence> compar*))<in> pdfdata) <and> (pyr >= 1950 <and> pyr <= 2007)
- #7 (((engine* <or> aircraft* <or> vehicle* <or> component* or accessory*) <sentence>(wear* <or> worn*)) <sentence> (baseline* <sentence> compar*))<in> pdfdata) <and> (pyr >= 1950 <and> pyr <= 2007)
- #8 (((engine* <or> aircraft* <or> vehicle* <or> component* or accessory*) <sentence>(wear* <or> worn*)) <sentence> (~base-line~~ <or> edition* <or> version*) <sentence> compar*))<in> pdfdata) <and> (pyr >= 1950 <and> pyr <= 2007)

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L6: Entry 6 of 7

File: USPT

Aug 9, 1988

US-PAT-NO: 4763285

DOCUMENT-IDENTIFIER: US 4763285 A

TITLE: Helicopter low-g monitor, recorder and warning system

DATE-ISSUED: August 9, 1988

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Moore; M. Samuel	Northridge	CA		
Paluka; Charles F.	Northridge	CA		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Semco Instruments, Inc.	Valencia	CA			02

APPL-NO: 06/897994 [PALM]

DATE FILED: August 19, 1986

PARENT-CASE:

RELATED APPLICATIONS This patent application is a continuation-in-part of U.S. patent application Ser. No. 784,724, filed Oct. 4, 1985.

INT-CL-ISSUED: [04] G06G 7/48, G08B 23/00, G01C 21/00

INT-CL-CURRENT:

TYPE	IPC	DATE
CIPS	G07 C 3/00	20060101
CIPS	F02 C 9/00	20060101
CIPS	G01 D 21/02	20060101

US-CL-ISSUED: 364/551; 364/424, 73/178H, 340/963

US-CL-CURRENT: 701/14; 340/963, 73/178H

FIELD-OF-CLASSIFICATION-SEARCH: 340/946, 340/963, 73/178H, 360/5, 244/17.13, 364/424, 364/424.1, 364/426, 364/551

See application file for complete search history.

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

Search Selected

Search ALL

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	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/>	<u>4115755</u>	September 1978	Cotton	364/426
<input type="checkbox"/>	<u>4258421</u>	March 1981	Juhasz et al.	364/424
<input type="checkbox"/>	<u>4300200</u>	November 1981	Doe	364/424.1
<input type="checkbox"/>	<u>4382283</u>	April 1983	Clelford et al.	364/424

ART-UNIT: 234

PRIMARY-EXAMINER: Lall; Parshotam S.

ASSISTANT-EXAMINER: Ramirez; Ellis B.

ATTY-AGENT-FIRM: Poms, Smith, Lande & Rose

ABSTRACT:

When helicopters are accomplishing certain special maneuvers such as powered descent, or the like involving low "g" conditions, the helicopter blades may teeter excessively with respect to the mast, and under severe conditions, the mast may shear. To sense such low "g" conditions, which may be dangerous, an accelerometer is mounted on the helicopter frame close to the center of gravity of the helicopter and is coupled to data processing circuitry which classifies the low-g conditions in bands or levels of severity, recording the duration of exceedances in which the low-g conditions are below predetermined levels, and issues warning signals to the helicopter pilot through the helicopter intercom system and a suitable warning light.

19 Claims, 31 Drawing figures

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<u>L18</u>	L16 and (((baseline\$ or "base-line") or version or edition) with compar\$)	1	<u>L18</u>
<u>L17</u>	L16 and (((baseline\$ or "base-line") or version or edition) with compar\$ with .data)	0	<u>L17</u>
<u>L16</u>	113 or 114 or 115	174	<u>L16</u>
	DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR		
<u>L15</u>	("4723518" "4775119" "4902359" "4763285" "5937081" "5132357" "4828584")[URPN]	114	<u>L15</u>
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<u>L14</u>	112	7	<u>L14</u>

DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR

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	4908481 2399468 4258421 2114301)! [PN]	
<u>L12</u>	("4723518" "4775119" "4902359" "4763285" "5937081" "5132357"	7 <u>L12</u>
	"4828584") [PN]	

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES;
OP=OR

<u>L11</u>	@aD<=20031003 AND (accept\$ with test\$) and (((engine\$ or aircraft\$ or vehicle\$ or component\$ or accessory\$) near7 (wear\$ or worn\$)) with (base\$ with compar\$ with data))	0 <u>L11</u>
<u>L10</u>	L9 not l6	0 <u>L10</u>
<u>L9</u>	l7 or L8	7 <u>L9</u>
<u>L8</u>	@aD<=20031003 AND (accept\$ with test\$) and (((engine\$ or aircraft\$ or vehicle\$ or component\$ or accessory\$) near3 (wear\$ or worn\$)) with compar\$)	7 <u>L8</u>
<u>L7</u>	@pD<=20031003 AND (accept\$ with test\$) and (((engine\$ or aircraft\$ or vehicle\$ or component\$ or accessory\$) near3 (wear\$ or worn\$)) with compar\$)	4 <u>L7</u>
<u>L6</u>	l4 or L5	7 <u>L6</u>
<u>L5</u>	@pD<=20031003 AND (accept\$ with test\$) and ((engine\$ or aircraft\$ or vehicle\$ or component\$ or accessory\$) near3 (wear\$ or worn\$) with compar\$)	4 <u>L5</u>

DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR

<u>L4</u>	@pD<=20031003 AND (accept\$ with test\$) and ((engine\$ or aircraft\$ or vehicle\$ or component\$ or accessory\$) near3 (wear\$ or worn\$) with compar\$)	7 <u>L4</u>
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DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES;
OP=OR

<u>L3</u>	@pD<=20031003 AND (accept\$ with test\$) and ((engine\$ or aircraft\$ or vehicle\$ or component\$ or accessory\$) adj2 (wear\$ or worn\$) with compar\$)	1 <u>L3</u>
<u>L2</u>	@AD<=20031003 AND (accept\$ with test\$) and ((engine\$ or aircraft\$ or vehicle\$ or component\$ or accessory\$) adj2 (wear\$ or worn\$) with compar\$)	1 <u>L2</u>
<u>L1</u>	@AD<=20031003 AND ((engine\$ or aircraft\$ or vehicle\$ or component\$ or accessory\$) adj2 (wear\$ or worn\$) with compar\$)	177 <u>L1</u>

END OF SEARCH HISTORY